

Notice of Allowability

Application No.

10/644,509

Applicant(s)

MORIMURA, TATSUO

Examiner

Ryan A. Jarrett

Art Unit

2125

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed 11/18/04.
2. ☒ The allowed claim(s) is/are 1-27.
3. ☒ The drawings filed on 8/21/03 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

Allowable Subject Matter

1. Claims 1-27 are allowed.
2. The following is an examiner's statement of reasons for allowance:

Regarding claims 6, 13, 18, 23, and 26, the prior art of record Magario 2002/0031567 fails to teach or fairly suggest a molding machine managing apparatus that receives information from a portable information terminal with respect to **reasons for stopping** a molding machine that **cannot be determined** by the managing apparatus so that the information is registered at the molding machine managing apparatus, in combination with the remaining features and elements of the claimed invention.

Magario discloses that the molding machine managing apparatus (process controller/host computer) detects the occurrence of trouble in the injection molding machine and in turn sends a corresponding message to the mobile phone via wireless email. By checking the message received, the user of the mobile phone can determine the type of the current trouble and take appropriate measures by sending instructions from the phone at a distant place. However, Magario does not disclose that the appropriate measures or instructions sent from the mobile explicitly relate to **"reasons for stopping"** the molding machine. Magario only discloses that the operator of the mobile phone "recovers the trouble" through the Internet. Moreover, Magario does not

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explicitly disclose that the appropriate measures or instructions sent from the mobile phone **“cannot be determined”** by the managing apparatus (host computer). In fact, the host computer 110 of Magario is capable of performing the same functions as the mobile phone. All of the information received at the mobile phone is transferred directly from the host computer, and is also displayed at the host computer (e.g., [0029]-[0035]). Therefore, any appropriate measures or instructions determined by a user at the mobile phone **could also be determined** by a user of the host computer.

Regarding claims 1, 8, 14, 19, and 24, the prior art of record fails to teach or fairly suggest information input to a portable information terminal is sent to a molding machine managing apparatus via a radio machine so as to be registered at the managing apparatus, and **the fact that the information is registered at the managing apparatus is displayed at the portable information terminal as a response to sending the information to the managing apparatus**, in combination with the remaining features and elements of the claimed invention. Although Magario may disclose sending information to a molding machine host computer from a mobile phone, Magario does not disclose that that the fact the information is registered at the host computer is displayed on the phone as a response to sending the information

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

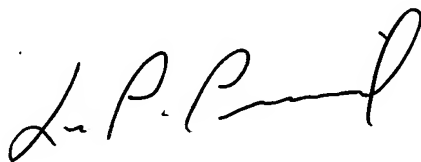
accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ryan A. Jarrett whose telephone number is (571) 272-3742. The examiner can normally be reached on 10:00-6:30 M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Leo Picard can be reached on (571) 272-3749. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Ryan A. Jarrett
Examiner
Art Unit 2125

12/15/04

**LEO PICARD
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100**